



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Attorney Docket Nos. 71369.172 and PFI-024)

In re Application of: Blumenberg et al. ) Examiner: Monshipouri  
Serial No. 09/659,737 ) Group Art Unit: 1652  
Filing Date: September 11, 2000 )

For: GENES AND POLYNUCLEOTIDES ASSOCIATED WITH ULTRAVIOLET RADIATION-MEDIATED SKIN DAMAGE AND USES THEREOF

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Date: 4/30/04

Sharon Matthews  
Sharon Matthews

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL LETTER**

Dear Sir:

Enclosed for filing in the above-identified patent application are the following items:

1. Interview Summary Pursuant to 37 C.F.R. § 1.133;
2. Supplemental Information Disclosure Statement (2 pages);
3. Form PTO-1449 Citing 2 References (1 page);
4. Copies of Cited References;
5. Certificate of First Class Mailing; and
6. Return Postcard.

Please charge any fees that might be due to Deposit Account No. 08-0219.

Respectfully submitted,

Date: 4/30/04  
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Attorney/Agent for Applicants



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

*Applicant:* Blumenberg *et al.*

*Art Unit:* 1652

*Serial No.:* 09/659,737

*Examiner:* M. Monshipouri

*Filing Date:* September 11, 2000

*Conf. No.:* 5697

*Docket No.* 71369.172 and PFI-024

*Cust. No.:* 23483

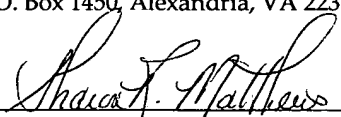
*Title:* **Genes and Polynucleotides Associated  
with Ultraviolet Radiation-Mediated  
Skin Damage and Uses Thereof**

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**CERTIFICATE OF FACSIMILE TRANSMISSION UNDER 37 CFR § 1.8(a)**

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4/30/04  
Date of Signature and  
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Sharon R. Matthews

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Commissioner for Patents  
P.O. Box 1450,  
Alexandria, VA 22313-1450

**INTERVIEW SUMMARY PURSUANT TO 37 C.F.R. § 1.133**

Dear Sir:

Applicants thank the Examiner for her time for participating in the telephonic interviews on March 5 and March 8, 2004. Responsive to the communication dated April 8, 2004, Applicants respectfully submit the following Interview Summary.

### INTERVIEW SUMMARY

On March 5 and 8, 2004, telephonic interviews were held with Ann-Louise Kerner, Ph.D., participating on behalf of the Applicant and Examiner Maryam Monshipouri, Ph.D., participating from the United States Patent and Trademark Office.

The Examiner was forwarded draft claims that included claims that correspond to claims 48-54 of the instant application. Examiner Monshipouri indicated that 35 U.S.C. § 112, first paragraph, rejections may be directed to claims reciting DNA sequences encoding homologs of an MLK4 gene product (claims 48 and 49), unless the DNA sequences encoding the MLK4 polypeptides have about 90% homology to SEQ ID NO:1, or about 90% homology to a nucleotide sequence that encodes a polypeptide comprising SEQ ID NO:2.

The Examiner also indicated that the other claims (corresponding to claims 50-54 of the instant application) appeared to be in condition for allowance.

Accordingly, Applicants submitted an Amendment and Response on March 8, 2004, taking into account the Examiner's comments during the Interview.

The Examiner called Ann-Louise Kerner on March 8, 2004 to request authorization for an Examiner's Amendment to claim 53 to correct dependency by deleting "56" and replacing it with "52." Authorization for this Amendment was given at the telephone interview.

CONCLUSION

If the Examiner would like to further discuss any matter relating to this application, she is invited to telephone the undersigned at the telephone number provided below.

No additional fees are believed to be due in connection with this correspondence. However, if any fees are due, please charge any payments due or credit any overpayments to our Deposit Account No. 08-0219.

Respectfully submitted,

Date: April 30, 2004



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